

UNIVERSITY OF TORONTO



**Cardiac Disorders  
And Cardiac Drugs –  
Neoplastic Disorders  
And Antineoplastic Drugs**

*offered by*

UNIVERSITY EXTENSION

and

THE FACULTY OF PHARMACY

*Session 1965-66*

**Cardiac Disorders and Cardiac Drugs –  
Neoplastic Disorders  
and Antineoplastic Drugs**

In this course of twenty lectures, ten lectures will be used to discuss cardiac disorders and those drugs used to treat these disorders as well as the drugs used to treat hypertension and hypotension. The remaining ten lectures will be used to discuss neoplastic disorders, and antineoplastic drugs.

Applicants for the course must possess a degree in Pharmacy.

Applications will not be considered unless accompanied by the full fee. The course may be withdrawn if there is an insufficient enrolment. Should this be necessary, the fees will be refunded in full. In the case of withdrawal from the course, refunds will be made only if requested *before the second lecture*. Admit-to-lectures card must accompany the request. A charge of \$5.00 is made for refund of fees.

**TIME:** Thursdays, 8 p.m., beginning October 7, 1965, and ending December 9. Lectures recommence on Thursday, January 6, 1966, ending March 10.

**PLACE:** Faculty of Pharmacy, 25 Russell Street, Toronto. (Southeast corner of Russell and Huron Streets)

**FEES:** \$40.00—Twenty Lectures.

**LECTURERS:** J. Crookston, M.D., PH.D., G. R. Duncan, N.P.H.L., M. T. Gannon, B.Sc.P.H.M., G. E. Johnson, PH.D., J. Logothetopoulos, M.D., PH.D., O. Sirek, M.D., PH.D.

**Syllabus of Course**

This course will be divided into two equal sections. The first section will deal with cardiac disorders and drugs used in the treatment of these disorders. Among the topics to be covered in this portion of the lecture series will be cardiac physiology, blood volume and blood pressure and factors influencing these, cardiotonic drugs, antihypertensive and antihypotensive drugs. These drugs will be discussed from structure-activity relationships and pharmacological viewpoint.

The second half of the course will deal with neoplastic disorders and antineoplastic drugs. Among the topics to be covered in this section will be the cellular physiology of the normal and the abnormal cell, the biochemistry of the cell, a pharmacological discussion of the antineoplastic drugs and the methods used to control the use of investigational drugs of this nature.

Some of the reference books will be:

- A. Cantarow and B. Schepartz: *Biochemistry*, Second Edition.
- L. S. Goodman and A. Gilman: *The Pharmacological Basis of Therapeutics*, Second Edition.
- A. Goth: *Medical Pharmacology*.
- A. C. Guyton: *Circulatory Physiology: Cardiac Output and its Regulation*.
- A. C. Guyton: *Textbook of Medical Physiology*, Second Edition.
- C. O. Wilson and O. Gisvold: *Textbook of Organic Medicinal and Pharmaceutical Chemistry*, Fourth Edition.

**Application Form**

**Course in**

**Cardiac Disorders and Cardiac Drugs  
Neoplastic Disorders and Antineoplastic Drugs**

**October 7**

**FEES: \$40.00—Twenty Lectures**

**Date.....**

To the Director,  
University Extension,  
University of Toronto,  
84 Queen's Park,  
Toronto 5, Ontario.

I wish to enrol in the Course, "Cardiac Disorders and Cardiac Drugs—Neoplastic Disorders and Antineoplastic Drugs".

(Mr.) .....  
(Mrs.) .....  
(Miss) ..... **NAME**

**Street Address .....**

**CITY PROVINCE**

**Degree and University .....**

**Year of Graduation .....**

This application and fee are to be returned to the *Division of University Extension, University of Toronto, 84 Queen's Park, Toronto 5, Ontario.*

Cheques should be made payable to the University of Toronto, at par in Toronto.